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HOSPITAL EQUIPMENT NOTE

DIAGNOSTIC X-RAY DEPARTMENT

6

MINISTRY OF HEALTH : LONDON : HER MAJESTY'S STATIONERY OFFICE
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Diagnostic X-ray Department

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I. Scope

This Equipment Note gives guidance on the equipment required for a Diagnostic Radiological Department. It is intended to be read in conjunction with Hospital Building Note No. 6 which relates to the design of Radiological Departments where the normal radiological techniques common to general hospitals are conducted. Like the Building Note, it is not concerned with therapeutic radiology.

II. General Considerations on the Use of Equipment Notes

Equipment Note No. 1 (Equipping a hospital building) provides an introduction to the series of departmental Equipment Notes, advice on their application, and guidance on the task of preparing equipment schedules for individual building projects. This departmental Equipment Note is intended to be used within the general planning frame-work set out in Equipment Note No. 1 and in the manner described therein.

The following method of classifying equipment, which is explained in more detail in Hospital Equipment Note No. 1, is used throughout this Note:

The term " equipment " covers all items necessary for the functioning of the hospital and includes both non-technical (e.g. furniture) and technical equipment. Short-term consumable supplies such as fuel, stationery, food, drugs and dressings, are not included.

Equipment is classified into three groups:

Group I: items usually supplied and fixed by the contractor for the works.

Group II: items having a permanent or semi-permanent location and having a significant effect on space and/or structural requirements:

(*a*) those supplied by the hospital authority and fixed by the contractor for the works;

(*b*) those supplied by the hospital authority and put in position by them or on their instructions outside the general construction contract.

Group III: smaller items, usually storage items, supplied and put in position by the hospital authority.

III. Special Considerations in Respect of this Note

The equipment detailed in this Note is regarded as suitable to the department described in Building Note No. 6 and has been listed in room (or space) sequence conforming to that Building Note. The lists are drawn up in such a way that they are applicable to departments of varying sizes serving from two to six radiodiagnostic rooms and of varying designs within the context of the Building Note. To achieve this flexibility, the method of applying the lists will vary from room to room thus:

(*a*) in the case of radiodiagnostic rooms and general rooms such as offices and waiting accommodation, where the equipment requirements will vary with the size of department, separate lists or columns are shown according to the number of radiodiagnostic rooms in the department;

(*b*) for recurring rooms such as toilets, cubicles and the like, the list shows the equipment for one room and will require to be multiplied by the number of such rooms included in the schedule of accommodation for a project;

(*c*) in the case of standard rooms, that is, those not materially affected by the size of the department, the equipment is listed for one room, although planning requirements may in some instances justify more than one such room in larger departments (e.g. reporting rooms).

Throughout the schedule, for the sake of uniformity, references to towel dispensers are associated with disposal bins for paper towels. Suitable adjustments will need to be made where linen towels are to be used.

IV. Cost

Guidance on the cost of equipping diagnostic X-ray departments to the standard shown in this schedule is given against the list of equipment for each room, both for the basic list of requirements and for certain additional items. Departmental cost summaries are shown in the Appendix to the Note. In using these cost figures, the considerations referred to in Section IV of Equipment Note No. 1 should be borne in mind.

The cost figures in this schedule and in the Appendix are related only to Group II and Group III equipment. As a matter of convenience, Group I items of a specialised nature are listed in the room schedules but these have been taken into account in the cost allowance for construction (including engineering) in the appropriate Cost Note in Appendix E to Hospital Building Note No. 2.

V. List of Rooms

A. Basic Accommodation — Page Reference

(*a*) *Reception and administration*
- (i) Office, reception and filing room(s) — 3
- (ii) Patients' waiting space, or waiting-room — 4
- (iii) Patients' lavatories — 4
- (iv) Bed and trolley waiting space — 4

(*b*) *Changing, preparation, etc.*
- (i) Dressing cubicles — 5
- (ii) Barium preparation room — 5
- (iii) Lavage or sluice) — 5
- (iv) W.Cs for barium and enema patients — 6
- (v) Patients' recovery room — 6
- (vi) Clean utility room — 6
- (vii) Dirty utility room — 7

(*c*) *Radiodiagnostic rooms* — 8, 9, 10, 11, 12

(*d*) *Film processing, viewing, etc.*
- (i) Darkroom — 13
- (ii) Wet viewing — 14
- (iii) Sorting space — 14

(*e*) *Radiologists, technicians and other staff*
- (i) Reporting room(s) — 15
- (ii) Superintendent radiographer's office — 15
- (iii) Staff cloakrooms and lavatories — 16
- (iv) Staff room for technical staff — 16
- (v) Cleaners' room — 17

(*f*) *Storage* — Page reference
- (i) General storage — 17
- (ii) Linen — 17
- (iii) Film store — 17
- (iv) Chemical store — 18
- (v) Mobile X-ray store — 18

Departmental items — 19

Variations to the above where an automatic processing unit is installed:

Instead of (*d*) (i), (ii) and (iii), the following:

(*d*) *Film processing, viewing, etc.*
- (i) Darkroom for automatic processing unit — 20
- (ii) Viewing and film sorting room — 21

B. Additional Accommodation

(*a*) *Waiting and reception area, offices, etc.*
- (i) Porter's room — 22
- (ii) Sister's office — 22

(*b*) *Film processing, etc.*
- (i) Workroom — 22
- (ii) Developer mixing room — 23

(*c*) *Radiologists, technicians and other staff*
- (i) Reporting rooms for consultants and registrars — 23
- (ii) Demonstration room — 24
- (iii) Common rooms — 24

VI. Schedule of Equipment

A. Basic Accommodation

(*a*) RECEPTION AND ADMINISTRATION

(i) *Office, reception and filing room(s)*

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Telephone	2	2	3	3	3	
Clock, electric	1	1	1	1	1	Impulse system if available.
Internal communication set ..	—	—	1	1	1	
Reception desk or counter—with drawer space	1	1	1	1	1	
Group IIb						
Table, side, small	1	1	1	1	1	
Stool, high	1	1	1	1	1	
Desk, typist's	1	1	2	2	2	
Chair, typist's	1	1	2	2	2	
Typewriter	1	1	2	2	2	
Desk or table for filing clerk ..	1	2	3	4	4	
Chair, office	2	3	4	5	5	
Cupboard, steel, 5 ft. × 2 ft., with shelves	1	2	2	3	3	Or the equivalent capacity in other sizes.
Cabinet, filing, foolscap, 4-drawer ..	1	2	2	3	3	
Cabinet, card, 8-drawer	4	7	10	12	14	8 in. × 5 in. cards are generally used. The provision here is for 8 to 10 years' records.
Stand, card cabinet	4	7	10	12	14	
Table or bench, sorting, with illuminated panel	1	1	1	1	1	
Ladder, step	1	1	1	1	1	
Racks for film storage	220 ft.	330 ft.	440 ft.	520 ft.	600 ft.	Estimated storage for two years' current films in feet length of shelving 18 in. deep, 15 in. high (min.) each shelf. Ideally, current films should be limited to 4 tiers. Intermediate vertical supports should be provided at approximately 9 in. intervals.
Group III						
Tray for incoming films	1	2	3	4	4	
Desk set	2	3	4	5	5	E.g. pen stand, blotting pad, correspondence trays, etc., according to individual requirements.
Bin, waste paper	2	3	4	5	5	
Cost Guide (excluding Group I) ..£	350	500	700	840	920	
Additional List						
Group IIb						
Racks for film storage	500 ft.	750 ft.	1000 ft.	1200 ft.	1400 ft.	Estimated additional storage for up to 5 years' non-current films if these are not kept in the central records department.
Cost Guide (Additional List) ..£	330	500	660	800	930	

A. Basic Accommodation

(*a*) RECEPTION AND ADMINISTRATION (continued)

(ii) *Patients' waiting space, or waiting room*

The following list of equipment relates to the total waiting accommodation provided for departments of the sizes indicated, whether the waiting space be in one place or divided into main waiting and sub-waiting spaces.

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Board, notice	1	1	1	1	1	
Group IIb						
Chair	10	15	20	25	30	A variety of chairs (or benches) of matching design, upright and easy, with and without arms, should be provided.
Table, occasional, low	2	3	4	5	6	
Rack, magazine	1	1	1	2	2	
Group III						
Bin, waste paper	1	2	2	3	3	If smoking is to be allowed, ash-trays will need to be provided; otherwise "No Smoking" notices.
Cost Guide (excluding Group I) ..£	70	105	140	175	210	

(iii) *Patients' lavatories*

Equipment is shown on a unit basis

	Quantity		*Notes*
	Male	*Female*	
Basic List			
For each W.C. cubicle			
Group I: W.C. suite	1	1	For each W.C., according to sex.
Toilet paper fitting	1	1	
Coat hook	1	1	
Group IIb: Sanitary bin	—	1	
Group III: Brush, lavatory, and holder	1	1	
Cost Guide (excluding Group I)	10s.	£2	
For each lobby leading to W.Cs			
Group I: Lavatory basin	1		For each basin.
Mirror	1		
Shelf	1		
Soap dispenser	1		
Group IIa: Towel dispenser	1		
Group IIb: Bin, disposal for paper towels	1		
Cost Guide (excluding Group I) £	1		

(iv) *Bed and trolley waiting space*

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I: Track, curtain, to bays ..	As required	As required	As required	As required	As required	
Group IIb: Trolley, patient's	2	2	2	3	3	B.S. 1962:
Trolley, patient's, incorporating Bucky diaphragm	1	1	1	1	1	The trolleys shown here represent those held on this department's charge. The accommodation will of course be used additionally by trolleys, beds and wheelchairs visiting from other departments and wards.
Chair, upright, small ..	2	2	2	3	3	For escorts, etc.
Cost Guide (excluding Group I) £	430	430	430	480	480	

(*b*) CHANGING AND PREPARATION, ETC.

(i) *Dressing cubicles*
For each cubicle the following:

		Quantity	Notes
Basic List			
Group I:	Bench seat	1	
	Mirror	1	
	Clothes hook	2	
	Shelf or open locker	1	
			Dressing gowns (often seen in these cubicles) are counted in the departmental list at the end of Part A Basic Accommodation.
	Cost Guide (excluding Group I) £	—	

(ii) *Barium Preparation Room*

The following list of contents relates to a standard room for preparation of barium meals or enemas.

		Quantity	Notes
Basic List			
Group I:	Sink and drainer	1	
	Soap dispenser	1	
	Work top	1	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high.
	Storage cupboard	1	20 cu. ft.
Group IIa:	Towel dispenser	1	
Group IIb:	Stand, barium enema	1	
	Stand, drip	1	
	Trolley, dressing	1	B.S. 3236.
	Trolley, soiled linen	1	B.S. 2854.
	Bin, disposal	2	
	Bin, disposal for paper towels	1	
Group III:	Cups or beakers	6	
	Jars	6	
	Ring, spillage	2	
	Bucket	1	
	Can, enema	3	
	Jug 80 oz.	1	
	Mixer	1	
	Syringe, Higginson's	2	
	Feeding cups	3	
	Sphygmomanometer	1	B.S. 2744.
	Cost Guide (excluding Group I) £	75	

(iii) *Lavage* (*or sluice*)
The following list relates to a standard room:

		Quantity	Notes
Basic List			
Group I:	Rack, bedpan	1	
	Shelving		6 sq. ft.
	Combination sink, slop hopper and drainer	1	
	Storage cupboard	1	20 cu. ft.
	Bedpan washer	1	B.S. 2745.
	Soap dispenser	1	
	Clothes hook	2	
Group IIa:	Towel dispenser	1	
Group IIb:	Couch, examination	1	B.S. 2838.
	Trolley, dressing	1	B.S. 3236.
	Trolley, soiled linen	1	B.S. 2854.
	Bin, disposal for soiled dressings	1	
	Bin, disposal for paper towels	1	
	Chair, upright, small	1	
Group III:	Bedpan	2	B.S. 2588.
	Cost Guide (excluding Group I) £	60	

(*b*) CHANGING AND PREPARATION, ETC. (continued)

(iv) *W.C. for barium and enema patients*

For each, the following:

	Quantity	Notes
Basic List		
Group I: W.C. suite	1	A bidet may be included at local option.
Lavatory basin	1	
Soap dispenser	1	
Toilet paper fitting	1	
Clothes hook	1	
Mirror	1	
Group IIa: Towel dispenser	1	
Group IIb: Bin, disposal for paper towels	1	
Group III: Brush, lavatory, and holder	1	
Cost Guide (excluding Group I)	£1 10s.	

(v) *Patients' recovery room*

The following relates to a standard room:

	Quantity	Notes
Basic List		
Group I: Mirror	1	
Clothes hook	1	
Group IIb: Couch	1	Or divan.
Chair, easy, arm	1	
Table, side, small	1	
Trolley, dressing	1	B.S. 3236. For resuscitation equipment, see Departmental list.
Group III: Bowl, vomit	3	
Tray	1	
Pillow	2	B.S. 1899.
Sphygmomanometer	1	
Cup, feeding	1	
Tumbler	1	
Cost Guide (excluding Group I) £	65	

(vi) *Clean utility room*

The following relates to a standard room where sterilisation procedures are carried out elsewhere.

	Quantity	Notes
Basic List		
Group I: Bench, worktop	1	8 ft. long, 1 ft. 8 in. deep, 3 ft. high.
Lavatory basin with elbow or wrist action taps	1	
Soap dispenser	1	
Storage cupboard	1	20 cu. ft.
Group IIa: Towel dispenser	1	
Group IIb: Trolley, dressing	1	B.S. 3236.
Bin, disposal for paper towels	1	
Cost Guide (excluding Group I) £	20	
Additional List		
Where no central sterile supply service is operating and full sterilisation procedures are required to be carried out in this room the following additional item will be required:		
Group IIb: Steriliser, instrument	1	B.S. 3233.
Cost Guide (additional) £	40	

(*b*) CHANGING AND PREPARATION, ETC. (continued)

(vii) *Dirty utility room*

The following relates to a standard room:

		Quantity	*Notes*
Basic List			
Group I:	Combination sink, slop hopper and drainer	1	
	Worktop	1	8 ft. long, 1 ft. 8 in. deep, 3 ft. high.
	Storage cupboard or shelving	1	15 cu. ft.
	Clothes hook	2	
	Soap dispenser	1	
Group IIa:	Towel dispenser	1	
	Stand, dirty linen	2	
Group IIb:	Bin, disposal	2	
	Bin, disposal for paper towels	1	
	Stool	1	
Group III:	Bucket	2	
	Mop	1	
	Brush, sink	1	
	Cost Guide (excluding Group I) £	25	

(c) RADIODIAGNOSTIC ROOMS

The equipment is shown, room by room, for departments ranging from 2 to 6 radiodiagnostic rooms. Protective measures should be in accordance with the Code of Practice for the Protection of Persons exposed to Ionizing Radiation.*

Two Room Department

	Room 1	*Room* 2	*Total for 2-room department*	*Notes*
Basic List				
Group I				
Clock, electric	1	1	2	Impulse system if available.
Lavatory basin with elbow or wrist action taps	1	1	2	
Soap dispenser	1	1	2	
Worktop	1	1	2	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high each.
Shelf over worktop	1	1	2	5 ft. 4 in. long, 6 in. deep each.
Cupboard storage	1	1	2	19 cu. ft. each.
Clothes hook	2	2	4	For protective clothing.
Group IIa				
Towel dispenser	1	1	2	
Group IIb				
120/150 kVp Generator	1	1	2	
Power operated tilting table complete with Serial Cassette Changer Unit	1	1	2	
Tube support, ceiling or stand complete with light beam diaphragm	1	1	2	
X-ray tubes complete with cables and suspension gear	2	2	4	
Dental X-ray Unit	—	1	1	
Layer Radiographic Attachment	—	1	1	
Universal Bucky Stand	—	1	1	
Chest Cassette Holder	1	1	2	
Cassette box, built-in or mobile	1	1	2	
Footstool, patient's	1	1	2	
Trolley (for accessories)	1	1	2	B.S. 3236.
Chair, upright, small	1	1	2	
Stool	1	1	2	
Bin, disposal	1	1	2	
Illuminator, X-ray film	1	1	2	With dimmer switch.
Bin, disposal for paper towels	1	1	2	
Group III				
Overlay, foam	2	2	4	
Pillow	3	3	6	B.S. 1899.
Film markers (letters, etc.)	Various	Various	Various	
Rack, film markers	1	1	2	
Positioning aids (foam blocks and sandbags)	Various	Various	Various	
Gonad shields	1 set	1 set	2 sets	
Protective clothing (aprons, gloves) with suitable supporting devices	As required	As required	As required	B.S. 2606 (lead rubber gloves).
Cassette masking lead rubber	do.	do.	do.	
Torch, rubber	1	1	2	
Cost Guide (excluding Group I) £	9,200	10,500	19,700	
Additional List			Cost Guide (additional list)	
Group IIb				
Mobile protective seat for radiologist ..	1	—	£50	
Multi-section cassette device	—	1	£150	
Skull unit complete with tube and accessories	—	1	£3,200	
Image Intensification Unit, complete with a single viewer and closed TV system ..	1	—	£6,000	
Mobile protective panel	1	1	£75	

* Code of Practice for the Protection of Persons exposed to Ionizing Radiations, published by Her Majesty's Stationery Office, price 9s.

(*c*) RADIODIAGNOSTIC ROOMS (continued)

Three Room Department

	Room 1	*Room* 2	*Room* 3	*Total for 3-room department*	*Notes*
Basic List					
Group I					
Clock, electric	1	1	1	3	Impulse system if available.
Lavatory basin with elbow or wrist action taps	1	1	1	3	
Soap dispenser	1	1	1	3	
Worktop	1	1	1	3	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high each.
Shelf over worktop	1	1	1	3	5 ft. 4 in. long, 6 in. deep each.
Cupboard storage	1	1	1	3	19 cu. ft. each.
Clothes hooks	2	2	2	6	For protective clothing.
Group IIa					
Towel dispenser	1	1	1	3	
Group IIb					
120/150 kVp generator	1	1	1	3	
Power operated tilting table complete with Serial Cassette Changer Unit	1	1	—	2	
Plain Bucky table	—	—	1	1	
Tube support, ceiling or stand complete with light beam diaphragm	1	1	1	3	
X-ray tubes complete with cables and suspension gear	2	2	1	5	
Image Intensification Unit complete with a single viewer and closed TV system ..	1	—	—	1	
Layer radiographic attachment	—	—	1	1	
Universal Bucky stand	—	—	1	1	
Chest cassette holder	1	1	—	2	
Skull unit complete with tube and accessories	—	—	1	1	
Dental X-ray unit	—	—	1	1	
Cassette box, built-in or mobile	1	1	1	3	
Footstool, patient's	1	1	1	3	
Trolley (for accessories)	1	1	1	3	B.S. 3236.
Chair, upright, small	1	1	1	3	
Stool	1	1	1	3	
Bin, disposal	1	1	1	3	
Illuminator, X-ray film	1	1	1	3	With dimmer switch.
Bin, disposal for paper towels	1	1	1	3	
Group III					
Overlay, foam	2	2	2	6	
Pillow	3	3	3	9	B.S. 1899.
Film markers (letters, etc.)	Various	Various	Various	Various	
Rack, film markers	1	1	1	3	
Positioning aids (foam blocks and sandbags)	Various	Various	Various	Various	
Gonad shields	1 set	1 set	1 set	3 sets	
Protective clothing (aprons, gloves) with suitable supporting devices	As required	As required	As required	As required	B.S. 2606 (lead rubber gloves).
Cassette masking lead rubber	do.	do.	do.	do.	
Torch, rubber	1	1	1	3	
Cost Guide (excluding Group I) £	15,000	9,000	9,800	33,800	
Additional List				**Cost Guide** (additional list)	
Group IIb					
Mobile protective seat for radiologist ..	1	1	1	£50	
Multi-section cassette device	—	—	1	£150	
Mobile protective panel	1	1	—	£75	

(*c*) RADIODIAGNOSTIC ROOMS (continued)

Four Room Department

	Room 1	*Room* 2	*Room* 3	*Room* 4	*Total for 4-room department*	*Notes*
Basic List						
Group I						
Clock, electric	1	1	1	1	4	Impulse system if available.
Lavatory basin with elbow or wrist action taps	1	1	1	1	4	
Soap dispenser	1	1	1	1	4	
Internal communication set	1	1	1	1	4	
Worktop	1	1	1	1	4	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high each.
Shelf over worktop	1	1	1	1	4	5 ft. 4 in. long, 6 in. deep each.
Cupboard storage	1	1	1	1	4	19 cu. ft. each.
Clothes hooks	2	2	2	2	8	For protective clothing.
Group IIa						
Towel dispenser	1	1	1	1	4	
Group IIb						
120/150 kVp generator	1	1	1	1	4	
Power operated tilting table complete with Serial Cassette Changer Unit	1	1	—	—	2	
Plain Bucky table	—	—	1	1	2	One of these may be tilting type at local option.
Tube support, ceiling or stand, complete with light beam diaphragm	1	1	1	1	4	
X-ray tubes, complete with cables and suspension gear	2	2	1	1	6	
Image Intensification Unit complete with a single viewer and closed TV system	1	—	—	—	1	
Layer radiographic attachment	—	—	—	1	1	
Universal Bucky stand	—	—	1	—	1	
Chest cassette holder	1	—	—	1	2	
Skull unit complete with tube and accessories	—	—	—	1	1	
Dental X-ray unit with chair	—	—	1	—	1	
Cassette box, built-in or mobile	1	1	1	1	4	
Footstool, patient's	1	1	1	1	4	
Trolley (for accessories)	1	1	1	1	4	B.S. 3236.
Chair, upright, small	1	1	1	1	4	
Stool	1	1	1	1	4	
Bin, disposal	1	1	1	1	4	
Illuminator, X-ray film	1	1	1	1	4	With dimmer switch.
Bin, disposal for paper towels	1	1	1	1	4	
Group III						
Overlay, foam	2	2	2	2	8	
Pillow	3	3	3	3	12	B.S. 1899.
Film markers (letters, etc.)	Various	Various	Various	Various	Various	
Rack, film markers	1	1	1	1	4	
Positioning aids (foam blocks and sandbags)	Various	Various	Various	Various	Various	
Gonad shields	1 set	1 set	1 set	1 set	4 sets	
Protective clothing (aprons, gloves) with suitable supporting devices	As required	As required	As required	As required	As required	B.S. 2606 (lead rubber gloves).
Cassette masking lead rubber	do.	do.	do.	do.	do.	
Torch, rubber	1	1	1	1	4	
Cost Guide (excluding Group I) £	15,100	9,100	6,400	9,000	39,600	
Additional List					**Cost Guide** (additional list)	
Group IIb						
Mobile protective seat for radiologist	1	1	—	—	£50	
Multi-section cassette device	—	—	—	1	£150	
Single or bi-plane film changer unit	—	1	—	—	Single £3,000 Bi-plane £6,000	If a bi-plane film changer unit is installed the generator should have an output of 1000 mA with independent selection for mA, time and kVp: otherwise two generators should be employed.
Floor stand for third X-ray tube	—	1	—	—		
Additional X-ray tube complete with cables, suspension gear and light beam diaphragm or cone	—	1	—	—		
Mobile protective panel	1	1	—	—	£75	

(*c*) RADIODIAGNOSTIC ROOMS (continued)

Five Room Department

	Room 1	*Room* 2	*Room* 3	*Room* 4	*Room* 5	*Total for 5-room department*	*Notes*
Basic List							
Group I							
Clock, electric	1	1	1	1	1	5	Impulse system if available.
Lavatory basin with elbow or wrist action taps..	1	1	1	1	1	5	
Soap dispenser	1	1	1	1	1	5	
Internal communication set ..	1	1	1	1	1	5	
Worktop	1	1	1	1	1	5	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high each.
Shelf over worktop	1	1	1	1	1	5	5 ft. 4 in. long, 6 in. deep each
Cupboard storage	1	1	1	1	1	5	19 cu. ft. each.
Clothes hooks	2	2	2	2	2	10	For protective clothing.
Group IIa							
Towel dispenser	1	1	1	1	1	5	
Group IIb							
120/150 kVp generator	1	1	1	1	1	5	
Power operated tilting table complete with Serial Cassette Changer Unit	1	1	—	—	—	2	
Plain Bucky table	—	—	1	1	1*	3	One of these may be tilting type at local option.
Tube support, ceiling or stand complete with light beam diaphragm	1	1	1	1	1*	5	
X-ray tubes complete with cables and suspension gear	2	2	1	1	1	7	
Image Intensification Unit complete with a single viewer and closed TV system	1	—	—	—	—	1	
Layer radiographic attachment ..	—	—	—	1	1*	2	
Universal Bucky stand	—	—	1	—	—	1	
Chest cassette holder	—	—	1	1	1	3	
Skull unit complete with tube and accessories	—	—	—	—	1	1	
Dental X-ray unit with chair ..	—	—	—	—	1	1	
Cassette box, built-in or mobile..	1	1	1	1	1	5	
Footstool, patient's	1	1	1	1	1	5	
Trolley (for accessories)	1	1	1	1	1	5	B.S. 3236.
Chair, upright, small	1	1	1	1	1	5	
Stool	1	1	1	1	1	5	
Bin, disposal	1	1	1	1	1	5	
Illuminator, X-ray film	1	1	1	1	1	5	With dimmer switch.
Bin, disposal for paper towels ..	1	1	1	1	1	5	
Group III							
Overlay, foam	2	2	2	2	2	10	
Pillow	3	3	3	3	3	15	B.S. 1899.
Film markers (letters, etc.) ..	Various	Various	Various	Various	Various	Various	
Rack, film markers	1	1	1	1	1	5	
Positioning aids (foam blocks and sandbags)	Various	Various	Various	Various	Various	Various	
Gonad shields	1 set	1 set	1 set	1 set	1 set	5 sets	
Protective clothing (aprons, gloves) with suitable supporting devices	As required	As required	As required	As required	As required	As required	B.S. 2606 (lead rubber gloves).
Cassette masking lead rubber ..	do.	do.	do.	do.	do.	do.	
Torch, rubber	1	1	1	1	1	5	
Cost Guide (excluding Group I) £	15,100	9,100	6,200	5,900	10,700	47,000	
Additional List						**Cost Guide** (additional list)	
Group IIb							
Mobile protective seat for radiologist	1	1	—	—	—	£50	
Multi-section cassette device ..	—	—	—	1	—	£150	
Single or bi-plane film changer ..	—	1	—	—	—	Single £3,000 Bi-plane £6,000	If a bi-plane film changer unit is installed the generator should have an output of 1000 mA with independent selection for mA, time and kVp, otherwise two generators should be employed.
Floor stand for third X-ray tube	—	1	—	—	—		
Additional X-ray tube complete with cables, suspension gear and light beam diaphragm or cone	—	1	—	—	—		
Mobil protective panel	1	1	—	—	—		
*Layer radiographic unit complete with its multi-section cassette device	—	—	—	—	1	£4,000	At local option, this unit may be installed in place of the items marked* above.

(*c*) RADIODIAGNOSTIC ROOMS (continued)

Six Room Department

	Room 1	*Room* 2	*Room* 3	*Room* 4	*Room* 5	*Room* 6	*Total for 6-room department*	*Notes*
Basic List								
Group I								
Clock, electric	1	1	1	1	1	1	6	Impulse system if available.
Lavatory basin with elbow or wrist action taps	1	1	1	1	1	1	6	
Soap dispenser	1	1	1	1	1	1	6	
Internal communication set ..	1	1	1	1	1	1	6	
Worktop	1	1	1	1	1	1	6	5 ft. 4 in. long, 1 ft. 8 in. deep, 3 ft. high each.
Shelf over worktop	1	1	1	1	1	1	6	5 ft. 4 in. long, 6 in. deep
Cupboard storage	1	1	1	1	1	1	6	19 cu. ft. each. [each.
Clothes hook	2	2	2	2	2	2	12	For protective clothing.
Group IIa								
Towel dispenser	1	1	1	1	1	1	6	
Group IIb								
120/150 kVp generator	1	1	1	1	1	1	6	
Power operated tilting table complete with Serial Cassette Changer Unit	1	1	—	—	—	—	2	
Power operated tilting Bucky table	—	—	1	—	—	—	1	
Plain Bucky table	—	—	—	1	—	1	2	
Layer radiographic unit complete with its multi-section cassette device	—	—	—	—	1	—	1	
Tube support, ceiling or stand complete with light beam diaphragm	1	1	1	1	—	1	5	
X-ray tubes complete with cables and suspension gear	2	2	1	1	1	1	8	
Image Intensification Unit complete with a single viewer and closed TV system	1	1	—	—	—	—	2	
Layer radiographic attachment ..	—	—	—	1	—	—	1	
Universal Bucky stand	—	—	1	—	—	1	2	
Chest cassette holder	—	—	1	1	1	1	4	
Skull unit complete with tube and accessories	—	—	—	—	1	—	1	
Dental X-ray unit with chair ..	—	—	—	—	1	—	1	
Cassette box, built-in or mobile	1	1	1	1	1	1	6	
Footstool, patient's	1	1	1	1	1	1	6	
Trolley (for accessories)	1	1	1	1	1	1	6	B.S. 3236.
Chair, upright, small	1	1	1	1	1	1	6	
Stool	1	1	1	1	1	1	6	
Bin, disposal	1	1	1	1	1	1	6	
Illuminator, X-ray film	1	1	1	1	1	1	6	With dimmer switch.
Bin, disposal for paper towels ..	1	1	1	1	1	1	6	
Group III								
Overlay, foam	2	2	2	2	2	2	12	
Pillow	3	3	3	3	3	3	18	B.S. 1899
Film markers (letters, etc.) ..	Various	Various	Various	Various	Various	Various	Various	
Rack, film markers	1	1	1	1	1	1	6	
Positioning aids (foam blocks and sandbags)	Various	Various	Various	Various	Various	Various	Various	
Gonad shields	1 set	1 set	1 set	1 set	1 set	1 set	6 sets	
Protective clothing (aprons, gloves) with suitable supporting devices	As required	As required	As required	As required	As required	As required	As required	B.S. 2606 (lead rubber gloves).
Cassette masking lead rubber ..	do.	do.	do.	do.	do.	do.	do.	
Torch, rubber	1	1	1	1	1	1	6	
Cost Guide (excluding Group I) £	15,100	15,100	6,900	5,900	11,700	6,200	60,900	
Additional List							**Cost Guide** (additional list)	
Group IIb								
Mobile protective seat for radiologist	1	1	—	—	—	—	£50	
Multi-section cassette device ..	—	—	—	1	—	—	£150	
Single or bi-plane film changer ..	—	1	—	—	—	—	Single £3,000 Bi-plane £6,000	If a bi-plane film changer unit is installed the generator should have an output of 1000 mA with independent selection for mA, time and kVp. Otherwise two generators should be employed.
Floor stand for third X-ray tube	—	1	—	—	—	—		
Additional X-ray tube complete with cables, suspension gear and light beam diaphragm or cone	—	1	—	—	—	—		
Mobile protective panel	1	1	—	—	—	—	£75	

(*d*) FILM PROCESSING, VIEWING, ETC.

(i) *Dark room* (*or processing room*) (*where no automatic processing unit is to be installed*)

Note: An alternative list is shown at the end of Section A for a room where automatic processing unit is to be installed.

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Worktop (incorporating waste receptacle)	8 ft.	8 ft.	16 ft.	16 ft.	16 ft.	In lengths of benching 3 ft. high, 2 ft. deep.
Storage, cupboard or drawers ..	40 cu. ft.	40 cu. ft.	80 cu. ft.	80 cu. ft.	80 cu. ft.	
Hopper, film	1	1	1	2	2	
Rack for film hangers	1	1	2	2	2	
Sink with drainer	1	1	1	1 or 2	1 or 2	This will vary according to planning of larger departments.
Fitting, safe light	4	4	8	8	8	
Hatch, cassette	2	3	4	5	6	This will vary according to planning of larger departments.
Washer, pass through	1	1	1	1 or 2	1 or 2	This will vary according to planning of larger departments.
Soap dispenser	1	1	1 or 2	1 or 2	1 or 2	
Illuminator, X-ray film	1	1	2	2	2	
Group IIa						
Towel dispenser	1	1	2	2	2	
Group IIb						
Unit, processing, standard size..	1	1	1	—	—	
Unit, processing, large size ..	—	—	—	1	1	Alternatively, two standard size in each case.
Unit, silver recovery	1	1	1	1	1	Alternatively, hospitals may prefer to arrange for a silver recovery service by other means.
Chair or stool	1	1	2	3	3	
Bin, disposal, for paper towels..	1	1	2	2	2	
Group III						
Carrier, wet film	1	1	2	3	3	
Timer, clockwork or electric ..	1	1	2	2	2	
Bucket	2	2	4	4	4	
Thermometer	1	1	2	2	2	
Measure, 80 oz.	1	1	2	2	2	
Funnels, various	4	4	8	8	8	
Dish, developer	3	3	6	6	6	
Marker, film, actinic	1	1	2	2	2	If dark kiosks are provided in or off the X-ray rooms for film-marking, actinic film markers will require to be provided there.
Bin, waste paper..	2	2	3	3	3	
Cassettes (with intensifying screens):						The use of lead-coated embossed metal name plates is not recommended.
4¾ in. × 6½ in.	4	6	8	10	12	
6½ in. × 8½ in.	6	9	12	15	18	
8 in. × 10 in.	10	15	20	25	30	
6 in. × 12 in.	6	9	12	15	18	
10 in. × 12 in.	16	24	32	40	48	
14 in. × 14 in.	4	6	8	10	12	
6 in. × 15 in.	8	12	16	20	24	
12 in. × 15 in.	14	21	28	35	42	
7 in. × 17 in.	4	6	8	10	12	
14 in. × 17 in.	10	15	20	25	30	
Hangers:						B.S. 2753.
4¾ in. × 6½ in.	8	12	16	20	24	
6½ in. × 8½ in.	12	18	24	30	36	
8 in. × 10 in.	20	30	40	50	60	
6 in. × 12 in.	12	18	24	30	36	
10 in. × 12 in.	32	48	64	80	96	
14 in. × 14 in.	8	12	16	20	24	
6 in. × 15 in.	16	24	32	40	48	
12 in. × 15 in.	28	42	56	70	84	
7 in. × 17 in.	8	12	16	20	24	
14 in. × 17 in.	20	30	40	50	60	
Hangers, dental	3	3	6	6	6	
Clips	As required	As required	As required	As required	As required	B.S. 1379.
Cost Guide (excluding Group I) £	1,500	2,100	2,750	3,400	4,000	

(*d*) FILM PROCESSING, VIEWING, ETC.

(ii) *Wet viewing room*

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Rack for film hangers	1	1	2*	2*	2*	*Depending on the planning of the department, in the larger departments one larger size may replace two standard items.
Tank, film washing	1	1	2*	2*	2*	
Roller towel fitting	1	1	2	2	2	
Illuminator, X-ray film	2	2	4	4	4	
Group IIb						
Units, drying	1	1	2*	2*	2*	
Trolley, film transport	1	1	2	2	2	
Stool, high	1	1	2	2	2	
Group III						
Carrier, wet film	2	2	3	3	3	
Cost Guide (excluding Group I) £	600	600	1,200	1,200	1,200	

(iii) *Sorting space*

	Number of Radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Storage, cupboard or drawers ..	40 cu. ft.	40 cu. ft.	80 cu. ft.	80 cu. ft.	80 cu. ft.	
Worktop (incorporating a viewing panel)	8 ft.	8 ft.	16 ft.	16 ft.	16 ft.	In length of benching, 3 ft. high, 2 ft. deep.
Rack for film hangers	1	1	2	2	2	
Rack, sorting	1	1	2	2	2	
Group IIb						
Chair, upright or stool	1	1	2	2	2	
Group III						
Cutter, corner	1	1	2	2	2	
Trimmer, film Merrett (18 in.) ..	1	1	2	2	2	
Bin, waste paper	2	2	3	3	3	
Cost Guide (excluding Group I) £	35	35	70	70	70	

(*e*) RADIOLOGISTS, TECHNICIANS AND OTHER STAFF

(i) *Reporting room(s)*

The following relates to a standard room used by the radiologist as an office and a consulting room. Provision is made later under Additional Accommodation (B(c)(i)), for separate reporting rooms where these are required in larger departments.

		Quantity	*Notes*
Basic List			
Group I:	Board, notice	1	
	Blackboard	1	
	Worktop	1	5 ft. 4 in. long, 1 ft. 8 in. deep, 2 ft. 4 in. high.
	Lavatory basin	1	
	Mirror	1	
	Telephone	1	
	Soap dispenser	1	
	Lamp, adjustable	1	Or other device for viewing dense films.
	Clock, electric	1	Impulse system if available.
	Internal communication set	1	In departments serving four or more radiodiagnostic rooms.
	Clothes hook	2	
Group IIa:	Towel dispenser	1	
Group IIb:	Chair, revolving	1	
	arm, visitors	1	
	upright, small	1	
	Desk	1	This is sometimes incorporated with the worktop mentioned under Group I.
	Cupboard	1	10 cu. ft.
	Cabinet, filing, foolscap, 4-drawer	1	
	Bookcase	1	
	Illuminator, X-ray film, 14 in. × 17 in.	4	Or an equivalent multiple unit.
	Bin, disposal for paper towels	1	
Group III:	Bin, waste paper	1	
	Glass, magnifying	1	
	Ruler	1	
	Protractor	1	
	Dividers	1	
	Desk set	1	E.g. pen stand, blotting pad, correspondence trays, etc. according to individual requirements.
	Cost Guide (excluding Group I) £	160	
Additional List			**Cost Guide** (additional list)
Group III:	Machine, dictating	1	£60
	Binoculars, stereoscopic, prismatic	1 pair	£18

(ii) *Superintendent radiographer's office*

		Quantity	*Notes*
Basic List			
Group I:	Internal communication set	1	In departments serving four or more radiodiagnostic rooms.
	Lavatory basin	1	
	Telephone	1	
	Soap dispenser	1	
Group IIa:	Towel dispenser	1	
Group IIb:	Desk	1	
	Chair, upright arm	1	
	upright small	2	
	Illuminator, X-ray film	1	
	Cabinet, filing, foolscap, 4-drawer	1	
	Bookcase	1	
	Bin, disposal for paper towels	1	
Group III:	Bin, waste paper	1	
	Desk set	1	E.g. pen stand, blotting pad, correspondence trays, etc., according to individual requirements.
	Cost Guide (excluding Group I) £	80	
Additional List			
Group IIb:	Cupboard, D.D.A.	1	If there is no sister's office in the department. B.S. 2881.
	Cost Guide (additional list) £	20	

(*e*) RADIOLOGISTS, TECHNICIANS AND OTHER STAFF (continued)

(iii) *Staff cloakrooms and lavatories*

The equipment is shown on a unit basis.

Item	*Quantity*		*Notes*
Basic List	*Male*	*Female*	
For W.C. cubicles			
Group I: W.C. suite	1	1	For each W.C. according to sex.
Toilet paper fitting	1	1	
Coat hook	1	1	
Group IIb: Sanitary bin	—	1	
Group III: Brush, lavatory, and holder ..	1	1	
Cost Guide (excluding Group I)	10s.	£2	
For Cloakrooms			
Group I: Lavatory basin	1		For each basin.
Mirror	1		
Shelf	1		
Soap dispenser	1		
Group IIa: Towel dispenser	1		For each three or four basins.
Group IIb: Locker, clothes	1		For each member of the staff.
Bin, disposal for paper towels ..	1		
Group III: Brush, nail	1		For each basin.
Cost Guide (excluding Group I)	£1 5s.		For each three or four basins plus approximately £4 for each locker.

(iv) *Staff room for technical staff*

	Number of radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I: Mirror	1	1	1	1	1	
Board, notice ..	1	1	1	1	1	
Cupboard, storage ..	1	1	1	2	2	10 cu. ft. each.
Group IIb: Chair, easy, arm or upright, small ..	5	6	8	10	12	
Table, occasional, low	1	1	2	2	3	
Table, side, small ..	1	1	1	2	2	
Group III: Bin, waste paper ..	1	2	2	3	3	
Ashtray	3	4	6	7	8	
Cost Guide (excluding Group I) £	50	55	75	95	105	
Additional List						**Cost Guide** (additional list)
Group IIb: Kettle, electric ..	1	1	1	1	1	£3 — Depending on whether or not other facilities are available.
Hotplate, electric ..	1	1	1	1	1	£6

(*e*) RADIOLOGISTS, TECHNICIANS AND OTHER STAFF (continued)

(v) *Cleaners' room*

The following list shows the basic requirements. Extra provision may need to be made in a large department according to circumstances.

		Quantity	*Notes*
Basic List			
Group I:	Bucket sink	1	
	Drainer	1	
	Cupboard, storage	1	19 cu. ft.
	Racks, pegs or hooks for implements ..	As required	
Group III:	Cleaner, vacuum	1	B.S. 3028.
	Scrubber/polisher, electric	1	
	Cleaning utensils	As required	
	Cost Guide (excluding Group I) £	100	

(*f*) STORAGE

(i) *General storage*

As the Building Note stipulates either a store room or cupboards, the equipment required may be in the form of loose racking or built-in shelving. The following is suggested as average practice:

		Quantity	*Notes*
Basic List			
Group I:	Shelving	40 ft.	In feet length of shelving 1 ft. 4 in. deep.
	Cost Guide (excluding Group I) £	—	
Additional List			
	As an alternative where shelves are not built in:		
Group IIb:	Racking	40 ft.	In feet length of shelving 1 ft. 4 in. deep.
	Cost Guide (additional list) £	25	

(ii) *Linen*

The quantities of linen, blankets, etc., for the department are shown separately at the end of the Schedule.

		Quantity	*Notes*
Basic List			
Group I:	Shelving	32 ft.	In feet length of shelving 2 ft. deep.
	Cost Guide (excluding Group I) £	—	

(iii) *Film store*

		Quantity	*Notes*
Basic List			
Group I:	Shelving	40 ft.	In feet length of shelving, 1 ft. 4 in. deep with vertical divisions at 3 ft. centres.
	Cost Guide (excluding Group I) £	—	

(*f*) STORAGE (continued)

(iv) *Chemicals store*

As the Building Note stipulates either a store room or cupboards, the equipment required may be in the form of loose racking or built-in shelving, The following is suggested as average practice:

	Quantity	*Notes*
Basic List		
Group I: Shelving	40 ft.	In feet length of shelving 1 ft. 4 in. deep.
Cost Guide (excluding Group I) £	—	
Additional List		
As an alternative where shelves are not built-in:		
Group IIb: Racking	40 ft.	In feet length of shelving 1 ft. 4 in. deep.
Cost Guide (additional list) £	25	

(v) *Mobile X-ray unit storage*

	Total requirements will vary with local circumstances and special consideration will need to be given in each case. Purely as a guide, the following table shows the number of mobile units representing average practice of one unit to approximately 200 beds, excluding operating theatre requirements. Some of these units will be stored elsewhere. *Number of radiodiagnostic rooms served*					*Notes*
	2	3	4	5	6	
Group IIb						
Mobile X-ray unit 300 mA power driven	1	2	3	4	4	
Portable X-ray unit	1	1	1	1	1	
Cost Guide £	3,000	5,400	7,800	10,200	10,200	

DEPARTMENTAL ITEMS

A. Basic Accommodation

Generally, items are shown throughout the list in the rooms where they will normally be found in the department. In addition, the items shown below relate to the department as a whole. In the case of hospitals with central supply service, some of these articles may not be held on the inventory of the diagnostic X-ray department, but the list represents the quantities which will be required to equip a new department.

	Number of radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Incinerators	As required	As required	As required	As required	As required	
Group IIa						
Fire-fighting equipment (e.g. hose reels, extinguishers, buckets, etc.)	As required	As required	As required	As required	As required	See British Standards Codes of Practice and Ministry of Health Memorandum on Hospital Fire Precautions.
Group IIb						
Window curtains .. .. } Rugs .. .. .. }	As required	As required	As required	As required	As required	This will vary according to local circumstances.
Group III						
Blankets	6	9	12	15	18	B.S. 1681.
Sheets and/or drawsheets ..	8	12	16	20	24	B.S. 1781.
Gowns, patients'	80	120	160	200	240	
Gowns, dressing	20	30	40	50	60	
Gowns, doctors'	12	15	18	21	24	
Pillow cases	18	27	36	45	54	B.S. 1781.
Pillow covers	8	12	16	20	24	
Towels, roller	6	6	6	12	12	B.S. 1781. These will be required for the wet viewing room where a roller towel fitting has been provided.
Bags, canvas, for soiled linen ..	12	12	12	12	12	B.S. 1781 (or disposable bags).
Dishes, kidney	6	12	12	18	18	B.S. 1823.
Basins, dressing	6	12	12	18	18	
Bowls, lotion	6	12	12	18	18	
Gallipots	6	12	12	18	18	B.S. 1823.
Instruments	Various	Various	Various	Various	Various	
Stationary grids	1 set	1 set	1 set	2 sets	2 sets	8 in. × 10 in., 10 in. × 12 in., 12 in. × 15 in., 14 in. × 17 in.
Goggles, dark adaptation ..	2 pairs	2 pairs	2 pairs	4 pairs	4 pairs	
Cost Guide (excluding Group I) £	500	600	700	950	1,050	
Additional List						
Group IIb						
Portable oxygen cylinder and stand	1	1	1	1	1	} In the absence of piped suction and gases.
Suction pump	1	1	1	1	1	
Cost Guide (additional list) £	50	50	50	50	50	

Variations to basic accommodation where automatic processing is to be installed

A. Basic Accommodation

(*d*) FILM PROCESSING, VIEWING, ETC.

(i) *Dark room (or processing room) (where an automatic processing unit is to be installed)*

Total requirements are shown for departments of the sizes indicated, whether there is a single dark room or (as may be the case in five- and six-room departments) two separate dark rooms. Manual standby is provided for.

	Number of radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Worktop (incorporating waste receptacle)	8 ft.	8 ft.	16 ft.	16 ft.	16 ft.	In length of benching 3 ft. high, 2 ft. deep.
Storage, cupboard or drawers ..	40 cu. ft.	40 cu. ft.	80 cu. ft.	80 cu. ft.	80 cu. ft.	
Hopper, film	1	1	1	2	2	
Sink with drainer	1	1	1	1 or 2	1 or 2	This will vary according to the planning of the larger departments.
Hatch, cassette	2	3	4	5	6	
Fitting, safe light	4	4	4	8	8	
Rack for film hangers	1	1	1	2	2	
Washer pass through	1	1	1	1 or 2	1 or 2	
Soap dispenser	1	1	1	1 or 2	1 or 2	
Illuminator, X-ray film	1	1	1	2	2	
Group IIa						
Towel dispenser	1	1	1	2	2	
Group IIb						
Unit, processing, automatic ..	1	1	1	1*	1*	*In large departments, one large unit may be replaced by two smaller ones.
Unit, processing, manual, 5 gallon	1	1	1	1	1	
Unit, silver recovery	1	1	1	1	1	Alternatively, hospitals may prefer to arrange for a silver recovery service by other means.
Chair or stool	1	2	2	3	3	
Bin, disposal for paper towels ..	1	1	1	2	2	
Group III						
Carrier, wet film	1	1	1	2	2	
Timer, clockwork or electric ..	1	1	1	1	1	
Bucket	1	1	1	2	2	
Thermometer	1	1	1	2	2	
Measure, 80 oz.	1	1	1	2	2	
Funnels, various	4	4	4	8	8	
Bin, pedal	1	1	1	2	2	
Dish, developer	2	2	2	3	3	
Marker, film, actinic	1	1	1	2	2	See note on Page 13
Bin, waste paper	2	2	2	3	3	
Cassettes, with intensifying screens:						
4¾ in. × 6½ in.	4	6	8	10	12	
6½ in. × 8½ in.	6	9	12	15	18	
8 in. × 10 in.	10	15	20	25	30	
6 in. × 12 in.	6	9	12	15	18	
10 in. × 12 in.	16	24	32	40	48	
14 in. × 14 in.	4	6	8	10	12	
6 in. × 15 in.	8	12	16	20	24	
12 in. × 15 in.	14	21	28	35	42	
7 in. × 17 in.	4	6	8	10	12	
14 in. × 17 in.	10	15	20	25	30	
Hangers: ..						
4¾ in. × 6½ in.	2	3	4	5	6	B.S. 2753.
6½ in. × 8½ in.	3	5	6	8	9	
8 in. × 10 in.	5	8	10	13	15	
6 in. × 12 in.	3	5	6	8	9	
10 in. × 12 in.	8	12	16	20	24	
14 in. × 14 in.	2	3	4	5	6	
6 in. × 15 in.	4	6	8	10	12	
12 in. × 15 in.	7	11	14	18	21	
7 in. × 17 in.	2	3	4	5	6	
14 in. × 17 in.	5	8	10	13	15	
Hangers, dental	3	3	3	3	3	
Clips	As required	As required	As required	As required	As required	
Cost Guide (excluding Group I) £	6,500	7,100	7,700	8,350	8,950	

Variations to basic accommodation where automatic processing is to be installed (continued)

A. Basic Accommodation

(*d*) FILM PROCESSING, VIEWING, ETC. (continued)

(ii) *Viewing and sorting room*

Total requirements are shown for departments of the sizes indicated, whether the viewing and sorting accommodation is in one room or two. This room accommodates the output end of the automatic unit as well as the equipment shown below, much of which is for manual standby.

	Number of radiodiagnostic rooms served					*Notes*
	2	3	4	5	6	
Basic List						
Group I						
Worktop, incorporating a viewing panel	8 ft.	8 ft.	8 ft.	16 ft.	16 ft.	
Storage cupboard or drawers ..	40 cu. ft.	40 cu. ft.	40 cu. ft.	80 cu. ft.	80 cu. ft.	
Tank, film washing	1	1	1	1	1	
Roller towel fitting	1	1	1	1	1	
Rack for film hangers	1	1	1	2	2	
Illuminator, X-ray film	2	2	2	3	3	
Rack, sorting	1	1	1	2	2	
Group IIb						
Unit, drying	1	1	1	1	1	
Trolley, film transport	1	1	1	2	2	
Stool, high, or chair, upright ..	2	3	3	4	4	
Group III						
Carrier, wet film	1	1	1	2	2	
Cutter, corner	1	1	1	2	2	
Trimmer, film, Merrett (18 in.) ..	1	1	1	2	2	
Bin, waste paper	1	2	2	3	3	
Cost Guide (excluding Group I) £	640	645	645	700	700	

B. Additional Accommodation

(*a*) WAITING AND RECEPTION AREA, OFFICES, ETC.

(i) *Porter's room*

Item		*Quantity*	*Notes*
Basic List			
Group I:	Keyboard	1	
	Notice board	1	
Group IIb:	Table	1	
	Chair	1	
	Cupboard, storage	1	10 cu. ft.
	Locker, clothes	1	
Group III:	Bin, waste paper	1	
	Ashtray	1	
	Cost Guide (excluding Group I) £	30	

(ii) *Sister's office*

Item		*Quantity*	*Notes*
Basic List			
Group I:	Internal communication set	1	In departments serving four or more radiodiagnostic rooms.
	Lavatory basin	1	
	Mirror	1	
	Soap dispenser	1	
	Telephone	1	
Group IIa:	Towel dispenser	1	
Group IIb:	Desk	1	
	Chair, desk	1	
	Chair, easy, arm	1	
	Cupboard, storage	1	10 cu. ft.
	Cupboard, D.D.A.	1	B.S. 2881.
	Bin, disposal for paper towels	1	
Group III:	Desk set	1	E.g. pen stand, blotting pad, correspondence trays, etc., according to individual requirements.
	Bin, waste paper	1	
	Cost Guide (excluding Group I) £	75	

(*b*) FILM PROCESSING, ETC.

(i) *Workroom*

As indicated in the Building Note, this provision is for additional work space, where required, for the radiographic staff and may be combined with the filing room A(*a*)(i) or sorting space A(*d*)(iii). The following basic furnishing will be required; the remaining equipment will depend upon the use to which the additional space is to be put but generally will have been covered in the appropriate basic room lists in Part A above.

Item		*Quantity*	*Notes*
Basic List			
Group I:	Worktop	1	8 ft. long, 2 ft. deep, 3 ft. high.
	Storage, cupboards or drawers		26 cu. ft.
Group IIb:	Stools, high	2	
Group III:	Bin, waste paper	2	
	Cost Guide (excluding Group I) £	4	

(*b*) FILM PROCESSING, ETC. (continued)

(ii) *Developer mixing room*

As indicated in the Building Note, a separate room for this purpose may be desirable in larger departments, in which case the following basic equipment will be required; the remaining equipment will generally have been provided for in the list for the dark room, Part A(*d*)(i) above.

Item	*Quantity*	*Notes*
Basic List		
Group I: Sink	1	
Drainer	1	
Worktop bench	1	5 ft. 4 in. long, 2 ft. deep, 3 ft. high.
Cupboards or open storage under bench ..		26 cu. ft.
Fitting, roller towel	1	
Soap dispenser	1	
Cost Guide (excluding Group I) £	—	

(*c*) RADIOLOGISTS, TECHNICIANS AND OTHER STAFF

(i) *Reporting room or rooms* (*for radiologists and registrars*)

Item	*Quantity*	*Notes*
Basic List		
Group IIb: Desk	1	
Chair, arm	1	
Chair, without arms	1	
Illuminator, X-ray film 14 in. × 17 in. ..	4	Or an equivalent multiple unit.
Group III: Desk set	1	
Bin, waste paper	1	
Cost Guide £	110	

For smaller rooms, designed for reporting into a dictating machine, as provided in the Building Note, the following will be required:

Item	*Quantity*	*Notes*
Basic List		
Group IIb: Desk	1	
Chair, arm	1	
Illuminator, X-ray film 14 in. × 17 in. ..	4	Or an equivalent multiple unit.
Group III: Machine, dictating	1	
Cost Guide £	160	

B. Additional Accommodation

(*c*) RADIOLOGISTS, TECHNICIANS AND OTHER STAFF (continued)

(ii) *Demonstration room*

The equipment required will vary according to use, but the following basic items would generally be required in an average room

Item		*Quantity*	*Notes*
Basic List			
Group I:	Rail, chart	1	
	Raised platform	1	
	Blackboard	1	
	Book cases or shelves	As required	
Group IIb:	Illuminator, X-ray film 14 in. × 17 in. ..	20	Or the equivalent in multiple units.
	Projector, slide	1	
	Screen, roller	1	
	Chairs, upright, arm	3	
	Chairs, upright	20	
	Cupboards	2	10 cu. ft. each.
	Table (demonstration)	1	
	Table, side, small	2	
	Stand or table for projector	1	
	Stool	1	
	Skeleton	1	
Group III:	Bin, waste paper	4	
	Cost Guide (excluding Group I) £	600	

(iii) *Staff rooms*

Suitable provision would be:

		Quantity	*Notes*
Basic List			
Group I:	Mirror	1	For each room.
	Board, notice	1	For each room.
	Cupboard, storage	1	10 cu. ft. For each room.
Group IIb:	Chair	4	For each four members of the staff entitled to use this room.
	Table, occasional	1	For each four members of the staff entitled to use this room.
Group III:	Bin, waste paper	1	For each four members of the staff entitled to use this room.
	Ashtray	1	For each four members of the staff entitled to use this room.
	Cost Guide (excluding Group I) £	35	For each four members of the staff entitled to use the room.

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DEPARTMENTAL COST SUMMARY

(To be read in conjunction with the explanatory notes in Section IV of this Equipment Note and Section IV of Hospital Equipment Note No. 1)

The room cost guide figures for basic equipment, applied to standard schedules of basic accommodation for departments of various sizes, suggest departmental equipment cost totals of the following order:

Number of radiodiagnostic rooms served

2	3	4	5	6
£24,000	£39,000	£46,500	£55,000	£70,000

In these totals no account is taken of the following:

(*a*) Mobile and portable X-ray units, the requirements for which are not necessarily related to the size of the department—see section A(*f*)(v)—page 18;

(*b*) Equipment required for basic accommodation, additional to the basic list, some guidance on which is given under the appropriate rooms;

(*c*) Equipment required in "additional accommodation," cost guides for which are shown on the appropriate pages as for basic accommodation.

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